

**ABSTRACT OF THE DISCLOSURE**

~~The present invention relates to an~~ An apparatus and ~~to a method~~  
of controlling an optical signal, ~~comprising the steps~~  
~~of:~~ includes determining at least one actual beat frequency  
~~derived from a superposition of at least one optical reference~~  
~~signal with the optical signal having an actual frequency, and~~  
~~using the at least one actual beat frequency in order to control~~  
~~the actual frequency~~ superimposing at least one optical reference  
signal and the optical signal to obtain at least one  
interference signal having an actual beat frequency, and pre-  
selecting one or more of the at least one interference signals  
using a predetermined bandwidth and a filter characteristic that  
is asymmetric with respect to an actual frequency of the optical  
signal, to determine a position of the optical signal relative  
to the at least one optical reference signal.